DOCUMENT RESUME

ED 158 775 IR 006 416

TITLE	Engineering: Selected U.S. Government Audiovisuals.
INSTITUTION	National Archives and Records Service (GSA), Washington, D.C.
PUB DATE	Jun 77
NOTE	44p.
AVAILABLE FROM	National AudioVisual Center, National Archives and Records Service, General Services Administration, Washington, D.C. 20409
EDRS PRICE	MF-$0.83 Plus Postage. HC Not Available from EDRS.
DESCRIPTORS	*Audiovisual Aids; *Catalogs; *Engineering; *Filmographies; Films; Filmstrips; *Indexes (Locaters); Phonotape Recordings; Slides; Video Tape Recordings

ABSTRACT

The National AudioVisual Center's materials on engineering are presented in this catalog. Most of the materials listed are films; but slidesets, filmstrips, audiocassettes, and videocassettes are also included. Entries contain all the information pertinent to a particular title, including a physical description of the material, information for purchasing or renting, a brief content description, and additional notes on use or production. (VT)

****
* Reproductions supplied by EDRS are the best that can be made *
* from the original document. *
****

-ED158775

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
NATIONAL INSTITUTE OF EDUCATION

THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL NATIONAL INSTITUTE OF EDUCATION POSITION OR POLICY

Selected
U.S. Government
Audiovisuals

June
1977

Engineering
Engineering
Engineering
Engineering
Engineering
Engineering
Engineering
Engineering
Engineering
Engineering

Civil • Mechanical • General • Nuclear
• Environmental • Marine • Industrial

Engineering

Distributed by
General Services Administration
National Archives and Records Service
National AudioVisual Center
Washington DC 20409

IR006416

National AudioVisual Center

. . . a public service of your government!

The National AudioVisual Center was created in 1969 to make audiovisual materials produced by the United States Government available for public use and to serve as the central clearinghouse for all Federal audiovisual materials.

Distribution Services

Most major audiovisual formats are available from the Center for use by schools, libraries, institutions, industry, and the general public.

Purchase • Rental • Loan Referral

Motion Pictures • Slides • Filmstrips • Audiotapes
Videocassettes • Sound/Slide Sets • Multimedia Kits

Information Services

Listings of over 9,000 titles from more than 150 Federal agencies are continuously updated in a wide variety of subjects of current interest.

Reference • Catalogs • Master Data File

Education • Science • Social Studies • Vocational/Technical
Medicine • Dentistry • Allied Health • Safety • Business
Industry • Space Technology • Engineering

For more information, write to:

National AudioVisual Center

General Services Administration
Reference Section DD
Washington DC 20409

or call: (301) 763-1896

General Services Administration
National Archives and Records Service
National Audiovisual Center Washington, DC 20409

Government

Audiovisuals

For You!

Dear Colleague:

The National AudioVisual Center, a public service government agency, has thousands of audiovisual materials appropriate for your use.

- ☆ **Educational**
- ☆ **Informational**
- ☆ **Technical**
- ☆ **Professional Training**

This special listing of audiovisual programs has been quickly selected from our computer data file of over 9,000 titles. The format of this listing was chosen to expeditiously get this information in your hands; within the year you can expect our formal catalog.

Please take a moment to glance through the listing. I'm sure you will realize that the exceptional content, quality, and low cost of these materials--developed by the United States Government over the last few years--can substantially contribute to the effectiveness of your programs.

Once you've made your selection just use the convenient postage-paid order form for your preview, rental, or purchase request. Send it today--we will be happy to promptly fill your order.

Sincerely,

JOHN J. BARTA
Chief, Marketing Branch
National AudioVisual Center

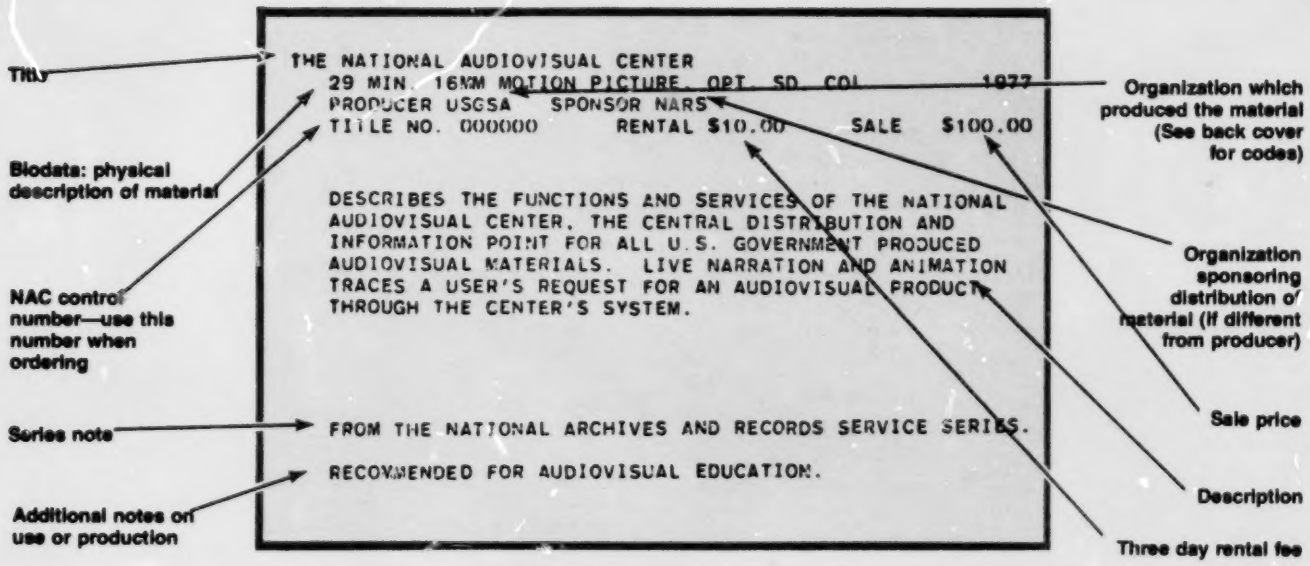
How to use this select list

The titles selected for listing in this special category are listed alphabetically for easy access. Where further breakdown would be helpful a subject index has also been provided.

The entry contains all the information pertinent to a particular title. The example below details the components of an individual title entry.

Example:

National AudioVisual Center


THE NATIONAL AUDIOVISUAL CENTER
29 MIN. 16MM MOTION PICTURE. OPT. SD. COL. 1977
PRODUCER USGSA SPONSOR NARS
TITLE NO. 000000 RENTAL $10.00 SALE $100.00
DESCRIBES THE FUNCTIONS AND SERVICES OF THE NATIONAL AUDIOVISUAL CENTER, THE CENTRAL DISTRIBUTION AND INFORMATION POINT FOR ALL U.S. GOVERNMENT PRODUCED AUDIOVISUAL MATERIALS. LIVE NARRATION AND ANIMATION TRACES A USER'S REQUEST FOR AN AUDIOVISUAL PRODUCT THROUGH THE CENTER'S SYSTEM.
FROM THE NATIONAL ARCHIVES AND RECORDS SERVICE SERIES.
RECOMMENDED FOR AUDIOVISUAL EDUCATION.
Title
Biodata: physical description of material
NAC control number—use this number when ordering
Series note
Additional notes on use or production
Organization which produced the material (See back cover for codes)
Organization sponsoring distribution of material (if different from producer)
Sale price
Description
Three day rental fee

AASHO ROAD TEST - THE ROAD TO BETTER ROADS
14 MIN, 16MM FILM, OPT. SD, COL 1963
PRODUCER USFHWA
TITLE NO. 111506 RENTAL $10.00 SALE $63.50

EXPLAINS, IN LAY TERMS, THE KIND OF RESEARCH DONE IN HIGHWAY CONSTRUCTION, SHOWING THE VARIETY OF PROGRAMS INVOLVED. FEATURES THE CONSTRUCTION AND OPERATION OF THE AASHO ROAD TEST.

ACCESS
22 MIN, 16MM FILM, OPT. SD, COL 1975
PRODUCER USTID SPONSOR USNASA AGENCY NO. HQ-241
TITLE NO. 007715 SALE $100.00

GIVES A GENERAL OVERVIEW OF NASA'S SCIENTIFIC AND TECHNICAL INFORMATION PROGRAM. SHOWS THE VARIOUS ANNOUNCEMENT MEDIA AND THE ON-LINE, INTERACTIVE SEARCH AND RETRIEVAL SYSTEM WHICH PROVIDES A USER DIRECT ACCESS TO THE ENTIRE INFORMATION STORE OF OVER 1.2 MILLION CITATIONS. DESCRIBES OTHER PRODUCTS AND SERVICES THAT ALSO WILL ASSIST A SCIENTIST OR ENGINEER IN SOLVING INFORMATION PROBLEMS.

AIR INSTALLATIONS COMPATIBLE USE ZONES - THE HARMONIOUS DEVELOPMENT OF AIRFIELD ENVIRONMENTS
17 MIN, 16MM FILM, OPT. SD, COL 1976
PRODUCER USN AGENCY NO. MN-11450
TITLE NO. 008592 SALE $77.25

SHOWS THE NAVY'S EFFORTS REQUIRED BY DOD INST 4165.57, AIR INSTALLATIONS COMPATIBLE USE ZONES PROGRAM. DESCRIBES THE PROBLEMS OF INCOMPATIBLE LAND USE SURROUNDING NAVAL AIR INSTALLATIONS; EFFECTS OF AIRCRAFT NOISE ON HUMANS; NAVY NOISE POLLUTION ABATEMENT; STRATEGIES; AND RECOMMENDATIONS FOR LOCAL GOVERNMENTS TO ACHIEVE COMPATIBLE LAND USE.

AIR POLLUTION - SWEETENING THE AIR
22 MIN, 16MM FILM, OPT. SD, COL 1971
PRODUCER USEPAP
TITLE NO. 000083 RENTAL $10.00

EXPLAINS THAT EVERY 24 HOURS THE INDUSTRY AND CITIZENS OF NORTH AMERICA SPILL INTO THE ATMOSPHERE HALF A MILLION TONS OF TOXIC AIR POLLUTION. DISCUSSES NEW TECHNIQUES USED IN RECYCLING AND IN ECOLOGICAL CONTROL.

AIR POLLUTION CONTROL
60 MIN, AUDIOCASSETTE, 2-TRACK, MONO 1973
PRODUCER USEPA
TITLE NO. 005119 SALE $8.75

PRICE INCLUDES CASSETTE AND ONE BOOKLET.

FROM THE AIR POLLUTION CONTROL ORIENTATION COURSE SERIES.

AIR POLLUTION CONTROL ORIENTATION COURSE--A SERIES
9 AUDIOCASSETTES, 2-TRACK, MONO 1973
PRODUCER USEPA AGENCY NO. 0422-A
TITLE NO. 005116 SALE $48.00

PROVIDES A BROAD UNDERSTANDING OF THE AIR POLLUTION FIELD--AIR POLLUTION LAW, SOURCES, EFFECTS, AND CONTROL TECHNIQUES.

INCLUDES NINE ACCOMPANYING BOOKLETS.

AIR POLLUTION CONTROL	60MIN
AIR POLLUTION LAW	60MIN
AIR POLLUTANTS AND THEIR CONTROL	60MIN
AIR QUALITY	60MIN
CONTROL TECHNOLOGIES	60MIN
EFFECTS OF AIR POLLUTION	60MIN
ENFORCEMENT	60MIN
METEROLOGY	60MIN
SAMPLING AND ANALYSIS	60MIN

AIRPORTS IN PERSPECTIVE
15 MIN, 16MM FILM, OPT. SD, COL 1969
PRODUCER USFAA AGENCY NO. FA-0706
TITLE NO. 123620 SALE $68.00

DOCUMENTS HOW SOME CITIES HAVE FOUND WORKABLE SOLUTIONS TO PROBLEMS ASSOCIATED WITH AVIATION'S DYNAMIC

GROWTH. EMPHASIZES THE COORDINATION BETWEEN AIRPORT DEVELOPMENT AND COMPREHENSIVE URBAN TRANSPORTATION PLANNING PROGRAMS.

CLEARED FOR TV.

AOSS - AIRBORNE OIL SURVEILLANCE SYSTEM
21 MIN. 16MM FILM. OPT. SD. COL 1975
PRODUCER USCG
TITLE NO. 007840 SALE $95.25

DEPICTS THE COAST GUARD'S ELECTRONIC SURVEILLANCE SYSTEM, DEVELOPED IN RESPONSE TO POLLUTION PROBLEMS FOR THE DETECTION OF OIL SPILLS. USES FOUR SENSORS CONSISTING OF--A SIDE-LOOKING RADAR, LOW-LIGHT-LEVEL TV CAMERA, INFRARED/ULTRAVIOLET LINE SCANNER, AND A PASSIVE MICROWAVE IMAGER TO SHOW ITS CAPABILITIES OF DETECTION AND SURVEILLANCE IN ALL WEATHER CONDITIONS.

ASSEMBLY AND INSTALLATION OF FLEXIBLE HOSE CONFIGURATION, THE
22 MIN. 16MM FILM. OPT. SD. COL 1968
PRODUCER USN AGENCY NO. MN-10427
TITLE NO. 009731 SALE $100.00

SHOWS PROCEDURES FOR ASSEMBLY AND INSTALLATION OF FLEXIBLE HOSE ON NAVY SHIPS.

ATOMIC POWER TODAY - SERVICE WITH SAFETY
15 MIN. 16MM FILM. OPT. SD. COL 1967
PRODUCER USAEC
TITLE NO. 001459 SALE $68.00

EXPLAINS THE GROWING NEED FOR ELECTRICITY AND CONTRASTS CONVENTIONAL METHODS OF GENERATING ELECTRICITY WITH NUCLEAR METHODS. PICTURES HOW A NUCLEAR POWER PLANT IS DESIGNED, BUILT, AND OPERATED FOR SAFE, DEPENDABLE SERVICE. POINTS OUT THE ATOMIC ENERGY COMMISSION'S REGULATORY AND LICENSING PROCEDURES IN REGARD TO NUCLEAR PLANTS.

BEAUTY AND THE GRANDEUR, THE
14 MIN. 16MM FILM. OPT. SD. COL 1965
PRODUCER USFHWA
TITLE NO. 166000 SALE $63.50

DESCRIBES THE HIGHWAY BEAUTIFICATION PROGRAM UNDERWAY THROUGHOUT THE U S.

BEYOND THE STICK AND RUDDER
14 MIN. 16MM FILM. OPT. SD. B&W 1959
PRODUCER USAF AGENCY NO. TF-1-5300
TITLE NO. 001640 RENTAL $7.50 SALE $36.75

EXPLAINS THE BASIC PRINCIPLES OF AERODYNAMICS, SHOWS HOW AIRCRAFT DESIGNERS APPLY THESE LAWS TO ACHIEVE SUPERIOR DESIGN AND PERFORMANCE WITHOUT DETRACTING FROM PILOT SAFETY, AND EMPHASIZES THE PILOT'S NEED FOR A THOROUGH KNOWLEDGE OF THESE LAWS FOR SAFE FLYING.

THIS IS CONSIDERED OF HISTORICAL VALUE AND DOES NOT NECESSARILY REFLECT CURRENT POLICY OR PLANS OF THE SPONSORING AGENCY.

BICYCLE COMPLIANCE TEST
45 MIN. 16MM FILM. OPT. SD. COL 1976
PRODUCER USCPSC SPONSOR USPTSD
TITLE NO. 008276 SALE $204.00

DEMONSTRATES MORE THAN 20 SEPARATE TEST METHODS UNDER THE BICYCLE SAFETY STANDARD, ISSUED BY THE U S CONSUMER PRODUCT SAFETY COMMISSION. SHOWS HOW BICYCLES ARE BEING TESTED FOR FRAME STRENGTH, BRAKING PERFORMANCE, AND MANY OTHER SAFETY CHARACTERISTICS.

OTHER FORMAT(S) OR VERSION(S)
*171 2 X 2 SLIDES, SILENT, COL 1976
PRODUCER USCPSC SPONSOR USPTSD
TITLE NO. 008275 SALE $15.00

SLIDES WERE TAKEN FROM THE 16MM FILM OF THE SAME TITLE AND ARE DESIGNED AS STUDY AND REVIEW MATERIALS.

BIG PICKUP, THE
28 MIN. 16MM FILM. OPT. SD. COL 1975

PRODUCER USOSWM
TITLE NO. 009780 SALE $127.00

DESCRIBES AMERICA'S $5 BILLION-A-YEAR CHORE COLLECTING SOLID WASTE. SHOWS THE GARBAGE COLLECTOR'S PROBLEM AND ILLUSTRATES MANY TECHNIQUES THAT CAN IMPROVE EFFICIENCY AND EFFECTIVENESS.

BOILERS AND THEIR OPERATION - TYPES OF NAVAL BOILERS
14 MIN, 16MM FILM, OPT. SD, B&W 1956
PRODUCER USN AGENCY NO. MN-09223E
TITLE NO. 008417 SALE $36.75

DESCRIBES THE SPECIAL CHARACTERISTICS OF THE FOLLOWING BOILER TYPES--3-DRUM A - D - DE - 2-FURNACE. SINGLE-UPTAKE. SUPERHEAT CONTROL - HEADER SINGLE PASS - AND HEADER 3-PASS.

BUT FOR HOW LONG
27 MIN, 16MM FILM, OPT. SD, COL 1974
PRODUCER USN AGENCY NO. MN-11358
TITLE NO. 009651 SALE $122.50

DISCUSSES HOW THE NAVY COMBATS POLLUTION OF THE OCEANS BY USING ITS KNOWLEDGE OF UNDERSEA CURRENTS TO PREDICT THE DIRECTION OF EFFLUENT FLOW FROM SEWAGE OUTFALLS. ALSO EXPLAINS THE DEVELOPMENT OF NEW SHIPBOARD WASTE TREATMENT FACILITIES AND TECHNIQUES FOR CONTROL AND RECOVERY OF OIL SPILLS.

BY-PRODUCTS OF SPACE RESEARCH - SELECTED EXAMPLES
17 MIN, 16MM FILM, OPT. SD, COL 1967
PRODUCER USNASA AGENCY NO. HQ-179
TITLE NO. 193575 SALE $77.25

DEMONSTRATES RECENT INDUSTRIAL APPLICATIONS OF AERONAUTICAL AND SPACE TECHNOLOGY AND THE RESULTING NEW OR IMPROVED PRODUCTS AND TECHNIQUES. ILLUSTRATES THE USE OF COMPUTERS TO IMPROVE X-RAY PHOTOGRAPHS, THE APPLICATION OF TIRE HYDROPLANING STUDIES TO HIGHWAY SAFETY, AND THE USE OF NEW TOOLS FOR DIAGNOSING MUSCLE DISEASE.

CATHODIC PROTECTION - OPERATION AND MAINTENANCE
24 MIN, 16MM FILM, OPT. SD, COL 1967
PRODUCER USN AGENCY NO. MN-10146B
TITLE NO. 009480 SALE $109.00

SHOWS THE OPERATION AND MAINTENANCE OF THE TWO SYSTEMS OF CATHODIC PROTECTION USED BY THE NAVY.

CATHODIC PROTECTION PRINCIPLES AND SYSTEMS
26 MIN, 16MM FILM, OPT. SD, B&W 1966
PRODUCER USN AGENCY NO. MN-10146A
TITLE NO. 005564 SALE $68.50

DISCUSSES CATHODIC PROTECTION AS REGARDS THE PREVENTION OF CORROSION ON UNDERWATER HULLS OF SHIPS. EXPLAINS THE OPERATION OF CATHODE PROTECTION SYSTEMS.

CERAMICS IN SPACE
20 MIN, 16MM FILM, OPT. SD, COL 1968
PRODUCER USNASA AGENCY NO. HQ-142
TITLE NO. 206759 SALE $90.75

USES CERAMICS AS A TYPICAL FIELD OF SCIENTIFIC STUDY TO SHOW HOW A GRADUATE STUDENT DEVELOPS ACADEMIC ORIGINAL RESEARCH. INCLUDES SEARCHING SCIENTIFIC LITERATURE, DEFINING THE PROBLEM, DESIGNING, AND ANALYSING.

CHALLENGE OF THE FUTURE
29 MIN, 16MM FILM, OPT. SD, COL 1975
PRODUCER USERDA
TITLE NO. 007707 SALE $131.75

REVIEWS THE PROBLEMS AND OPTIONS WHICH FACE THE U S IN MEETING THE GROWING ENERGY CRISIS. DEMONSTRATES THAT WITH THE ESCALATING COST OF PETROLEUM AND THE DIMINISHING SUPPLY, WE MUST SHIFT TO OTHER SOURCES OF ENERGY FOR THE FUTURE. VISITS THE LABORATORIES AND PILOT PLANTS IN THE ENERGY RESEARCH AND DEVELOPMENT CENTERS ACROSS THE COUNTRY. PRESENTS THE WORK OF SOLAR, GEOTHERMAL, AND ADVANCED ENERGY SYSTEMS.

NUCLEAR ENERGY, ENERGY CONSERVATION, ENVIRONMENT, AND SAFETY.

CLEANUP
18 MIN, 16MM FILM, OPT. SD, COL 1975
PRODUCER USN AGENCY NO. MN-11474
TITLE NO. 009655 SALE $81.75

SHOWS SOME BASIC TOOLS FOR OIL REMOVAL IN NAVY HARBORS. ALSO SHOWS VARIOUS TYPES OF EQUIPMENT USED TO CONTAIN AND CLEAN UP OIL SPILLS, INCLUDING FIRE HOSES, PISTON FILM, ABSORBENTS, BROOMS, AND SKIMMERS. DISCUSSES THE ADVANTAGES AND DISADVANTAGES OF EACH REPRESENTATIVE TYPE OF EQUIPMENT.

CONCRETE BRIDGE DECK CONSTRUCTION
28 MIN, 16MM FILM, OPT. SD, COL 1972
PRODUCER USFHWA
TITLE NO. 000028 SALE $127.00

SHOWS SOME OF THE IMPORTANT STEPS IN THE CONSTRUCTION OF BUILDING FORMS, PLACING REINFORCING STEEL - CHECKING WITH THE FINISHING MACHINE - PLACING CONCRETE - AND CONSOLIDATING, FINISHING, AND CURING THE DECK.

CONSERVING ENERGY THROUGH APPLIANCE LABELING
7 MIN, 2 X 2 SLIDES, AUDIOCASSETTE, COL 1975
PRODUCER USNBS
TITLE NO. 009626 SALE $12.00

EXPLAINS THE PURPOSE AND GOALS OF THE LABELING PROGRAM WHICH WAS BEGUN IN 1973. EXPLAINS HOW THE INFORMATION ON THE LABELS CAN HELP A CONSUMER BUY THE MOST EFFICIENT MODEL FOR HIS OR HER NEEDS AND SAVE ENERGY AND MONEY IN THE PROCESS. GIVES A LOOK AT ROOM AIR CONDITIONER ENERGY GUIDE LABELS.

GUIDE INCLUDED. 56 SLIDES.

CONSTRUCTING A SANITARY PIT PRIVY
70 FR, 35MM FILMSTRIP, SILENT, B&W 1949
PRODUCER USPHS SPONSOR USNMAC AGENCY NO. 5-119

TITLE NO. 241290 SALE $1.50

DEMONSTRATES THE CONSTRUCTION OF A SANITARY PIT PRIVY AND THE PRINCIPLES OF SANITATION INVOLVED.

FROM THE ENVIRONMENTAL SANITATION SERIES.

RECOMMENDED FOR PROFESSIONAL GROUPS ONLY.

OTHER FORMAT(S) OR VERSION(S)
*10 MIN, 35MM FILMSTRIP, 1/4 IN. AUDIOTAPE, B&W 1949
PRODUCER USPHS SPONSOR USNMAC AGENCY NO. 5-119
TITLE NO. 007392 SALE $8.50

70 FRAMES.

CONSTRUCTION OF AN OFFSHORE LIGHT STATION
29 MIN, 16MM FILM, OPT. SD, COL 1963
PRODUCER USCG
TITLE NO. 241408 SALE $131.75

DOCUMENTS THE CONSTRUCTION OF A NEW TYPE OF OFFSHORE LIGHT STATION WHICH SUPPLANTS COAST GUARD LIGHTSHIPS. SHOWS MOVEMENT OF PARTS FROM SHIPYARD TO THE TOWER SITE AND ERECTION OF THE STEEL TOWER.

CLEARED FOR TV.

CONVERSATION WITH M KING HUBBERT, A
38 MIN, 16MM FILM, OPT. SD, COL 1976
PRODUCER AHOA SPONSOR USHRAC
TITLE NO. 007797 SALE $172.50

PRESENTS DR M KING HUBBERT WHO IS A SCHOLAR AND FEDERAL AUTHORITY ON FUEL AND ENERGY, EXPLAINING THE LIMITS OF OUR FOSSIL FUEL SUPPLY AND THE IMPACT OF COMING ENERGY PROBLEMS ON HEALTH CARE INSTITUTIONS.

CLEARED FOR TV.

OTHER FORMAT(S) OR VERSION(S)
*38 MIN, 3/4 IN. VIDEOCASSETTE, COL 1976
PRODUCER AHOA SPONSOR USHRAC
TITLE NO. 007798 SALE $74.50

DAY THE TIDE TURNED RED, THE
27 MIN, 16MM FILM, OPT. SD, COL 1975
PRODUCER USN AGENCY NO. MN-11395
TITLE NO. 009652 SALE $122.50

DISCUSSES HOW NAVY SCIENTISTS ARE STUDYING AND DISCOVERING METHODS OF CONTROLLING THE RED TIDE PHENOMENON TO PREVENT ITS POISONOUS EFFECTS ON MEN AND MARINE LIFE.

DEMONSTRATION IN URBAN NOISE CONTROL, A
3 MIN, 16MM FILM, OPT. SD, COL 1972
PRODUCER USNBS
TITLE NO. 007832 SALE $13.50

DEMONSTRATES FIVE WAYS TO CONTROL ONE TYPICAL URBAN NOISE PROBLEM, THE TRUCK. SHOWS IMPROVED MUFFLERS, BETTER TIRE TREAD DESIGN, ARTIFICIAL NOISE BARRIERS, NATURAL BARRIERS, AND IMPROVED BUILDING CONSTRUCTION.

DESERT STEWARDSHIP - NATURAL RESOURCES MANAGEMENT AND CONSERVATION
20 MIN, 16MM FILM, OPT. SD, COL 1975
PRODUCER USN AGENCY NO. MN-11360
TITLE NO. 008567 SALE $90.75

PRESENTS AN OVERVIEW OF THE NATURAL AND CULTURAL RESOURCES FOUND ON THE NAVAL WEAPONS CENTER'S MORE THAN ONE MILLION ACRES OF RANGES. DISCUSSES THE CENTER'S PHILOSOPHY OF STEWARDSHIP OF ITS ASSETS AND THE MANAGEMENT REQUIRED FOR COMPATIBLE RANGE OPERATIONS. SHOWS HOW THE OUTDOOR LABORATORIES AND RANGES ARE SHARED WITH AREAS OF HISTORICAL INDIAN CARVINGS, ABANDONED TOWNS, THERMAL ENERGY AREAS, AND A FRAGILE DESERT ECOSYSTEM.

DESIGN FOR SURVIVAL
23 MIN, 16MM FILM, OPT. SD, B&W 1953
PRODUCER USA AGENCY NO. MF038-07951
TITLE NO. 267010 SALE $60.50

DISCUSSES THE AVAILABILITY AND USES OF CRITICAL RAW MATERIALS, EMPHASIZING THE NEED TO CREATE AND STRENGTHEN A POSITIVE ATTITUDE TOWARDS CONSERVATION AMONG THOSE CONCERED WITH THE DESIGN, PLANNING, MANUFACTURE, AND PURCHASE OF MILITARY EQUIPMENT.

DESILTING THE HUDSON
12 MIN, 16MM FILM, OPT. SD, COL 1960
PRODUCER USAE
TITLE NO. 003515 SALE $66.00

DEPICTS SILTING PROBLEMS THAT EXIST IN NEW YORK HARBOR AND THE HUDSON RIVER BELOW THE GEORGE WASHINGTON BRIDGE. DESCRIBES HOW AN HYDRAULIC MODEL AT THE WATERWAYS EXPERIMENT STATION IS HELPING ENGINEERS TO ANALYZE THE PROBLEM AND TEST EFFECTIVENESS OF MEASURES TO DECREASE THE RATE OF SHOALING.

DISTILLATION UNIT OPERATION AND MAINTENANCE, PT A
14 MIN, 3/4 IN. VIDEOCASSETTE, COL 1970
PRODUCER USAF AGENCY NO. TV556-0005A
TITLE NO. 009426 SALE $45.00

PRESENTS INFORMATION CONCERNING THEORY OF OPERATION, SAFETY PROCEDURES, AND MAINTENANCE PROCEDURES RELATED TO THE PEE 10K VAPOR COMPRESSION DISTILLATION UNIT.

DISTILLATION UNIT OPERATION AND MAINTENANCE, PT B
15 MIN, 3/4 IN. VIDEOCASSETTE, COL 1970
PRODUCER USAF AGENCY NO. TV556-0005B
TITLE NO. 009427 SALE $45.00

PRESENTS INFORMATION CONCERNING THEORY OF OPERATION, SAFETY PROCEDURES, AND MAINTENANCE PROCEDURES RELATED TO THE PEE 10K VAPOR COMPRESSION DISTILLATION UNIT.

DRYER DRUM PROCESS
20 MIN, 16MM FILM, OPT. SD, COL 1973
PRODUCER USFHWA
TITLE NO. 003114 SALE $90.75

DOCUMENTS THE EVALUATION STUDIES CONDUCTED BY THE U S FEDERAL HIGHWAY ADMINISTRATION ON SEVERAL HOT MIX PLANTS LOCATED IN IOWA, MINNESOTA, AND NORTH DAKOTA WHICH UTILIZE THE DRYER DRUM METHOD OF PRODUCTION. TELLS HOW STRINGENT POLLUTION REQUIREMENTS HAVE LED TO THE BREAKTHROUGH IN THE PRODUCTION OF BITUMINOUS MIXTURES USING PENETRATION GRADE ASPHALTS.

DUAL-DRUM PAVER PRODUCTIVITY
30 MIN, 16MM FILM, OPT. SD, COL 1960
PRODUCER USFHWA
TITLE NO. 282075 SALE $136.25

USES SCENES OF PAVER OPERATIONS TO ILLUSTRATE HOW AND TO WHAT EXTENT OPERATING DELAYS AFFECT POWER PRODUCTIVITY. SHOWS JOBS WHERE PAVER PRODUCTION RATES RANGED FROM LOW ON SOME TO OUTSTANDING ON OTHERS.

EMBANKMENT COMPACTION CONTROL - FAMILY OF CURVES
15 MIN, 16MM FILM, OPT. SD, COL 1973
PRODUCER USFHWA
TITLE NO. 000896 SALE $68.00

SHOWS THE PROPER METHODS FOR SOIL TESTING AND QUALITY CONTROL BY THE USE OF A FAMILY OF CURVES AND THE 1-POINT COMPACTION TEST.

ENERGY - THE AMERICAN EXPERIENCE
29 MIN, 16MM FILM, OPT. SD, COL 1976
PRODUCER USERDA
TITLE NO. 007706 SALE $131.75

SHOWS THE DEVELOPMENT OF DIFFERENT FORMS OF ENERGY UNDER THE UNIQUE CONDITIONS OF THE AMERICAN EXPERIENCE. DEPICTS THE 60-YEAR CHANGING CYCLES OF ENERGY SOURCES FROM WOOD TO COAL TO OIL AND GAS. DEMONSTRATES THAT THE FUELS AMERICANS THOUGHT INEXHAUSTABLE ARE BEING USED TOO RAPIDLY. DISCUSSES HOW TO PLAN THE BEST USE OF PRESENT RESOURCES AND MOBILIZE SCIENCE AND INDUSTRY TO DEVELOP NEW SOURCES AND CHOICES OF ENERGY.

CLEARED FOR TV.

ENGINEERING DATA MANAGEMENT
11 MIN, 16MM FILM, OPT. SD, COL 1966
PRODUCER USAF AGENCY NO. SFP-1483
TITLE NO. 303279 SALE $50.00

DESCRIBES THE PROGRAM DEVELOPED BY THE AIR FORCE LOGISTICS COMMAND FOR OBTAINING NECESSARY ENGINEERING DATA ABOUT AIR FORCE WEAPONS SYSTEMS. SHOWS HOW THE CONTRACTOR PROVIDES SUCH INFORMATION DIRECT TO THE USER. EXPLAINS THE ADVANTAGES OF THE PROGRAM TO BOTH CONTRACTOR AND AIR FORCE. ALSO DISCUSSES PRIORITIES OF REQUESTS FOR INFORMATION AND NECESSARY CONTROLS.

CLEARED FOR TV. THIS IS CONSIDERED OF HISTORICAL VALUE AND DOES NOT NECESSARILY REFLECT CURRENT POLICY OR PLANS OF THE SPONSORING AGENCY.

ENGINEERING FOR TOMMORROW
28 MIN, 16MM FILM, OPT. SD, COL 1970
PRODUCER USA AGENCY NO. TV-0781
TITLE NO. 009374 SALE $127.00

DISCUSSES THE RESEARCH, DEVELOPMENT, AND CONSTRUCTION WORK OF THE CORPS OF ENGINEERS. INCLUDES DETAILS OF FLOOD CONTROL, POLAR RESEARCH IN GREENLAND, AND A SEABORNE NUCLEAR POWER PLANT.

FROM THE BIG PICTURE SERIES.

CLEARED FOR NON-SPONSORED TV.

ENGINEERING--A SERIES
11 35MM FILMSTRIPS, CAPTIONS
PRODUCER USOE
TITLE NO. 008337 SALE $16.50

REVIEW MATERIALS FOR THE FILM SERIES OF THE SAME TITLE.

FLUE GAS ANALYSIS - ORSAT APPARATUS 43FRS
HEAT TREATMENT OF ALUMINUM, PT 1 47FRS
HEAT TREATMENT OF ALUMINUM, PT 2 41FRS
MEASUREMENT WITH LIGHT WAVES 50FRS

PRINICPLES OF DRY FRICTION 36FRS
PRINCIPLES OF LUBRICATION 30FRS
PRINCIPLES OF REFIRGERATION 44FRS
SLIDE RULE, THE - PROPORTION, PERCENTAGE, SQUARES, AND SQUARE ROOTS 44FRS
SLIDE RULE, THE - THE 'C' AND 'D' SCALES 39FRS
TENSION TESTING 45FRS
X-RAY INSPECTION 54FRS

OTHER FORMAT(S) OR VERSION(S)
*12 16MM FILMS, OPT. SD
PRODUCER USOE
TITLE NO. 007130 RENTAL $95.00 SALE $615.25

ENVIRONMENT FOR EDUCATION
19 MIN, 16MM FILM, OPT. SD, COL 1973
PRODUCER USDCPA AGENCY NO. DDCP05-0272
TITLE NO. 002083 SALE $86.25

EXPLAINS, BY EXAMPLE, THAT WELL DESIGNED SCHOOL BUILDINGS CAN PROVIDE PROTECTION AGAINST VANDALISM, NOISE POLLUTION, AND NATURAL DISASTER HAZARDS, AS WELL AS RADIO-ACTIVE FALLOUT.

ENVIRONMENTAL EDUCATION - A BEGINNING (SHORT VERSION)
14 MIN, 16MM FILM, OPT. SD, COL 1974
PRODUCER USOE
TITLE NO. 007307 SALE $63.50

SHOWS MANY PROJECTS AIMED AT SOLVING ENVIRONMENTAL PROBLEMS. EXAMINES THE EFFORTS OF UNIONS, SCOUT GROUPS, SCHOOLS, AND OTHER ORGANIZATIONS, TO COMBAT POLLUTION.

EXTREME WIND STUDY
15 MIN, 16MM FILM, OPT. SD, COL 1975
PRODUCER USNBS
TITLE NO. 009627 SALE $68.00

DOCUMENTS A RESEARCH PROGRAM OF THE NATIONAL BUREAU OF STANDARDS CENTER FOR BUILDING TECHNOLOGY SPONSORED BY THE AGENCY FOR INTERNATIONAL DEVELOPMENT WHICH CONTRIBUTED TO IMPROVED STORM-RESISTANT BUILDING DESIGN AND CONSTRUCTION PRINCIPLES. PRESENTS THE STUDY'S FINDINGS DEALING WITH HURRICANES, TYPHOONS, AND CYCLONES.

FIVE MINUTES TO LIVE
18 MIN, 16MM FILM, OPT. SD, COL 1976
PRODUCER USLBJC SPONSOR USNASA AGENCY NO. HQA-253
TITLE NO. 009947 SALE $81.75

SHOWS A DRAMATIC EXAMPLE OF SPACE TECHNOLOGY UTILIZATION--TELECARE, AN ADVANCED EMERGENCY CARE SYSTEM. DEPICTS HOUSTON PARAMEDICS SAVING THE LIFE OF A CORONARY VICTIM. EXPLAINS THE SPACE PROGRAM ORIGIN OF SYSTEM COMPONENTS.

CLEARED FOR NON-SPONSORED TV.

GREAT CLEAN AIR CAR RACE, THE
26 MIN, 16MM FILM, OPT. SD, COL 1970
PRODUCER USEPA
TITLE NO. 000860 RENTAL $12.50 SALE $118.00

DOCUMENTS THE COMPETITION BETWEEN THE EXOTIC AND MODIFIED VEHICLES BUILT BY STUDENTS FROM OVER 50 COLLEGES, UNIVERSITIES, AND HIGH SCHOOLS ACROSS THE COUNTRY TO DEMONSTRATE WAYS OF REDUCING AIR POLLUTION FROM AUTOMOBILES.

GREAT GAS SAVE-IN
13 MIN, 16MM FILM, OPT. SD, COL 1975
PRODUCER USPOST
TITLE NO. 009961 RENTAL $10.00 SALE $59.00

SHOWS LOGICAL METHODS FOR GASOLINE CONSERVATION BY BOTH VEHICLE DRIVERS AND FLEET OPERATORS. OFFERS GENERAL APPLICABILITY TO ANY LARGE BUSINESS, GOVERNMENT OFFICE, OR INDIVIDUAL INTERESTED IN GASOLINE CONSERVATION.

HANFORD OR BUST - 7,000 MILES FOR ENERGY
29 MIN, 16MM FILM, OPT. SD, COL 1975
PRODUCER USANL SPONSOR USERDA

TITLE NO. 009825 SALE $131.75

PRESENTS THE STORY OF THE 7,000-MILE RIVER AND SEA VOYAGE OF A METAL GIANT. SHOWS HOW THE LARGEST STAINLESS STEEL NUCLEAR REACTOR VESSEL IS MADE OF 890 TONS OF HARDWARE. GIVES SOME FACTS ABOUT THE ESSENTIAL TESTING FOR THE BREEDER PROGRAM, WHICH WILL HELP PLACE AMERICAN HANDS ON A NEW SOURCE OF ENERGY THAT COULD HELP LIGHT CITIES FOR CENTURIES TO COME.

CLEARED FOR NON-SPONSORED TV.

HAZARDOUS WASTES - THE GROSS NATIONAL BY-PRODUCT
18 MIN, 2 X 2 SLIDES, AUDIOCASSETTE, COL 1976
PRODUCER USOSWM
TITLE NO. 007918 SALE $10.00

EXPLAINS WHAT HAZARDOUS WASTES ARE AND HOW THEY ARE PRODUCED. DISCUSSES HOW THEY ARE TREATED, TRANSPORTED, AND DISPOSED OF. SUMMARIZES THE PROBLEM AND SUGGESTS WAYS FOR CONCERNED CITIZENS AND PUBLIC INTEREST GROUPS TO TAKE CONSTRUCTIVE ACTION TO COPE WITH HAZARDOUS WASTES.

44 SLIDES. 1 AUDIOCASSETTE, 2-TRACK, MONO, WITH AUDIBLE AND INAUDIBLE ADVANCE SIGNALS. SCRIPT INCLUDED.

HIGHWAY AND ITS ENVIRONMENT, THE
20 MIN, 16MM FILM, OPT. SD, COL 1974
PRODUCER USFHWA
TITLE NO. 007201 RENTAL $10.00 SALE $90.75

SHOWS UNLIMITED WAYS IN WHICH HIGHWAYS CAN BE DEVELOPED IN HARMONY WITH THEIR SURROUNDINGS. EXPLAINS THAT EACH YEAR A COMPETITION IS HELD TO RECOGNIZE CREATIVE ACHIEVEMENT IN HIGHWAY-ORIENTED ENDEAVORS AND TO ACKNOWLEDGE PROGRAMS WHICH CONTRIBUTE EFFECTIVELY TO A MORE ESTHETIC ENVIRONMENT. EXHIBITS MANY EXAMPLES.

HIGHWAY BRIDGE RESEARCH
19 MIN, 16MM FILM, OPT. SD, COL 1964
PRODUCER USFHWA
TITLE NO. 392900 SALE $86.25

SHOWS METHODS USED IN CONDUCTING STRAIN RESEARCH ON STEEL AND REINFORCED CONCRETE BRIDGES. SHOWS DETAILS ON INSTALLATION OF GAUGES, WIRING, AND INSTRUMENTATION. SHOWS OPERATION, EXPLAINS EQUIPMENT, AND GIVES RESULTS.

HIGHWAYS ARE FOR PEOPLE
27 MIN, 16MM FILM, OPT. SD, COL 1968
PRODUCER USFHWA
TITLE NO. 393164 RENTAL $12.50 SALE $122.50

STRESSES THE BENEFICIAL ROLE OF HIGHWAYS IN THE DEVELOPMENT OF THE U S. POINTS OUT THE ABILITY OF HIGHWAYS TO MEET THE NATION'S TRANSPORTATION NEEDS AND TO HARMONIZE WITH EFFORTS TO IMPROVE THE ENVIRONMENT. DEMONSTRATES THAT SOUND STATE PLANNING, PUBLIC-MINDED PROGRAMMING, AND IMAGINATIVE DESIGN ARE CONTRIBUTING TO THE CONTINUING IMPROVEMENT OF THE FEDERAL AID HIGHWAY SYSTEM.

HOOVER DAM
33 MIN, 16MM FILM, OPT. SD, B&W 1949
PRODUCER USDS AGENCY NO. 01-02801
TITLE NO. 398250 SALE $86.75

EXPLAINS THE NEED FOR CONTROL OF THE COLORADO RIVER. PICTURES THE CONSTRUCTION OF THE HOOVER DAM, AND INDICATES ITS VALUE FOR IRRIGATION AND ELECTRIC POWER.

HOW TO SUCCEED WITHOUT RE-INVENTING THE WHEEL - ENGINEERS CAN RETRIEVE INFORMATION
30 MIN, 16MM FILM, OPT. SD, B&W 1965
PRODUCER USDOD SPONSOR USAF AGENCY NO. OSD-02-65
TITLE NO. 009529 RENTAL $10.00 SALE $79.00

DRAMATIZES THE NEED FOR ENGINEERS TO HAVE ACCESS TO DATA. CITES THE USE OF A COMPUTER AS THE CORE OF A WORKABLE INFORMATION RETRIEVAL SYSTEM.

CLEARED FOR NON-SPONSORED TV.

INNER FRONTIER, THE
12 MIN, 16MM FILM, OPT. SD, COL 1974
PRODUCER USN AGENCY NO. MN-11025E
TITLE NO. 005892 SALE $54.50

SHOWS UNDERWATER CONSTRUCTION TECHNIQUES AND CAPABILITIES DEVELOPED BY THE NAVY FACILITIES COMMAND AND NCF IN SUPPORT OF THE HABITAT AND EQUIPMENT INSTALLATIONS OF PROJECTS TEKTITE AND AFAR (AZORES FIXED ACOUSTIC RANGE.)

INTRODUCTION TO ENVIRONMENTAL ENGINEERING
22 MIN, 16MM FILM, OPT. SD, COL 1962
PRODUCER USN AGENCY NO. MN-09665
TITLE NO. 002440 SALE INQUIRE

HIGHLIGHTS SOME OF THE MORE IMPORTANT ENVIRONMENTAL ENGINEERING MANAGEMENT AREAS AND INTERRELATES THEM IN PROBLEM-SOLVING APPROACHES.

INTRODUCTION TO HIGHWAY HYDRAULICS
21 MIN, 16MM FILM, OPT. SD, COL 1960
PRODUCER USFHWA
TITLE NO. 434149 SALE $95.25

ILLUSTRATES SOME FUNDAMENTAL PRINCIPLES OF HYDRAULICS OF OPEN CHANNEL FLOW. HYDRAULIC MODELS IN THE LABORATORY ARE CORRELATED WITH FIELD HIGHWAY INSTALLATIONS WHERE POSSIBLE.

IT'S DOLLARS AND SENSE
28 MIN, 16MM FILM, OPT. SD, COL 1976
PRODUCER USHRA
TITLE NO. 007893 SALE $127.00

EXPLAINS HOW THE STEPS TAKEN TO REDUCE THE USE OF ENERGY HAVE RESULTED IN SUBSTANTIAL DOLLAR SAVINGS WITHOUT AFFECTING THE QUALITY OF PATIENT CARE. ALSO EXPLAINS LOAD-SHEDDING PRACTICES, HEATING AND VENTILATION PRACTICES, EFFICIENCY TESTING AND EQUIPMENT MAINTENANCE, LIGHTING, NEW INNOVATIONS AND DESIGNS, AND OTHER MEASURES WHICH CAN BE APPLIED BY HOSPITALS

INTERESTED IN STRETCHING THEIR BUDGETS BY CONSERVING ENERGY.

CLEARED FOR TV.

KNOCK AT THE DOOR
18 MIN, 16MM FILM, OPT. SD, COL 1970
PRODUCER USFHWA
TITLE NO. 453860 SALE $81.75

SHOWS WHAT SOME STATE HIGHWAY DEPARTMENTS, UNION ORGANIZATIONS, AND HIGHWAY CONSTRUCTION CONTRACTORS ARE DOING TO TRAIN MINORITY GROUP PERSONS TO OPERATE HEAVY HIGHWAY CONSTRUCTION EQUIPMENT. ALSO SHOWS THAT THERE ARE OPPORTUNITIES IN THE CONSTRUCTION TRADES FOR MINORITY AND UNDERPRIVILEGED PERSONS TO IMPROVE THEIR LIVES.

LEGACY, THE
28 MIN, 16MM FILM, OPT. SD, COL 1975
PRODUCER USGSA
TITLE NO. 009640 RENTAL $12.50 SALE $127.00

EXPLAINS THE TOTAL SYSTEMS APPROACH TO FIRESAFETY AND BUILDING PROTECTION. FOCUSES ON GSA'S FIRST HIGH-RISE STRUCTURE TO INCLUDE A TOTAL FIRESAFETY SYSTEM, THE SEATTLE FEDERAL BUILDING. SHOWS A TOTAL SPRINKLER SYSTEM, 2-WAY VOICE COMMUNICATIONS, VOICE ALERTING SYSTEMS, SMOKE DETECTION EQUIPMENT, AUTOMATIC ELEVATOR RECALL, AND A COMPUTER SYSTEM. ALSO SHOWS HOW ALL ELEMENTS ARE VISUALLY BROUGHT TOGETHER WITH THE HUMAN ELEMENT.

LET NATURE WORK FOR YOU
12 MIN, 16MM FILM, OPT. SD, COL 1969
PRODUCER USFHWA
TITLE NO. 002518 SALE $54.50

ILLUSTRATES HOW NATURAL PLANT REGENERATION CAN BE USED TO ASSIST HIGHWAY MAINTENANCE ENGINEERS IN BEAUTIFYING THE RIGHT-OF-WAY AFTER CONSTRUCTION HAS BEEN COMPLETED. ENCOURAGES MAINTENANCE CREWS TO KEEP MOWING OPERATIONS TO A MINIMUM BY NOT MOWING THE COMPLETE RIGHT-OF-WAY, GIVING NATURE A CHANCE TO REVEGETATE THE

AREAS.

LICENSE PLATE TRAFFIC SURVEY
12 MIN. 16MM FILM. OPT. SD. COL 1968
PRODUCER USFHWA
TITLE NO. 474940 SALE $54.50

SHOWS A METHOD OF CONDUCTING A SURVEY ON THE ORIGINATION AND DESTINATION OF TRAFFIC THROUGH THE USE OF MOTION PICTURE PHOTOGRAPHY. SHOWS HOW THE PHOTOGRAPHIC EQUIPMENT SHOULD BE SET UP FOR RECORDING LICENSE PLATES, HOW THIS INFORMATION IS TRANSFERRED FOR ELECTRONIC DATA PROCESSING, AND HOW QUALIFIED RESULTS ARE OBTAINED BY MEANS OF A RAPID FOLLOWUP.

LOST PRODUCTION IN HIGHWAY CONSTRUCTION
30 MIN. 16MM FILM. OPT. SD. COL 1957
PRODUCER USFHWA
TITLE NO. 002317 SALE $136.25

EXAMINES MINOR DELAYS THAT AFFECT PRODUCTION RATES OF KEY UNITS OF HIGHWAY CONSTRUCTION EQUIPMENT, INCLUDING POWER SHOVELS, SCRAPERS, HOT-MIX BITUMINOUS PLANTS, AND CONCRETE PAVERS.

MACHINE SHOP WORK - FUNDAMENTALS OF BLUEPRINT READING--A SERIES
5 16MM FILMS. OPT. SD
PRODUCER USOE
TITLE NO. 007597 RENTAL $32.50 SALE $173.50

PRINCIPAL DIMENSIONS, REFERENCE SURFACES, AND TOLERANCES 12MIN
READING A DRAWING OF A VALVE BONNET 20MIN
READING A THREE-VIEW DRAWING 10MIN
SECTIONAL VIEWS AND PROJECTIONS, FINISH MARKS 15MIN
VISUALIZING AN OBJECT 9MIN

MEANWHILE BACK ON EARTH
14 MIN. 16MM FILM. OPT. SD. COL 1972
PRODUCER USNASA AGENCY NO. HQ-225
TITLE NO. 002126 SALE $63.50

CONSIDERS THE IMPACT OF AEROSPACE TECHNOLOGY ON THE APPLICATIONS OF INDUSTRIAL DESIGN TO SUCH THINGS AS AUTOMOBILE SUSPENSION SYSTEMS, LARGE COLISEUM DOMES, ANTENNA TOWERS, HELICOPTERS, ELECTRIC POWERPLANTS, PAPER PULPMAKING, RAILBEDS, AND SKYSCRAPERS.

MEASURES FOR AIR QUALITY
4 MIN. 16MM FILM. OPT. SD. COL 1972
PRODUCER USNBS
TITLE NO. 007831 SALE $18.25

DESCRIBES NEW AIR QUALITY MEASUREMENT TECHNIQUES AND CALIBRATION STANDARDS BEING DEVELOPED AT THE NATIONAL BUREAU OF STANDARDS TO HELP IMPROVE THE ACCURACY OF MEASURING AIR POLLUTION. INCLUDES THE USE OF A LASER TO MEASURE AIR POLLUTION LEVELS, THE SULPHUR DIOXIDE FLUORESCENE DETECTOR, AND THE PERMEATION TUBE.

MERGING CONTROL SYSTEMS
15 MIN. 16MM FILM. OPT. SD. COL 1971
PRODUCER USFHWA
TITLE NO. 001836 RENTAL $10.00 SALE $68.00

REPORTS ON A RESEARCH STUDY AIMED AT ASSISTING THE DRIVER IN ENTERING THE FREEWAY TRAFFIC STREAM AS SMOOTHLY AND EASILY AS POSSIBLE. SHOWS HOW TWO MERGING CONTROL SYSTEMS ARE DEVELOPED AND TESTED. EXPLAINS THE PACER SYSTEM AND THE GREEN BAND SYSTEM TO AVOID REAR END AND SIDESWIPE ACCIDENTS.

MINING NOISE HAZARDS
21 MIN. 16MM FILM. OPT. SD. COL 1973
PRODUCER USBM SPONSOR USMESA
TITLE NO. 003551 SALE $95.25

PROMOTES A GENERAL AWARENESS OF NOISE HAZARDS IN THE COAL MINING INDUSTRY. SHOWS ACTUAL UNDERGROUND MINING SCENES, ON-THE-JOB NOISE SURVEYS, AND LABORATORY TESTS AND ANALYSIS. DEMONSTRATES PREVENTIVE METHODS TOGETHER WITH VARIOUS FORMS OF ENGINEERING CONTROLS AND PROTECTIVE DEVICES.

PURCHASERS MUST FIRST REQUEST WRITTEN PERMISSION FROM

CHIEF, OFFICE OF AUDIOVISUALS, U S DEPARTMENT OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVENUE, PITTSBURGH, PA 15313. AFTER PERMISSION HAS BEEN OBTAINED, THE PURCHASER SHOULD SEND HIS ORDER TO THE NATIONAL AUDIOVISUAL CENTER WITH THE STATEMENT OF APPROVAL ATTACHED.

MODERN GEODETIC SURVEYING
18 MIN, 16MM FILM, OPT. SD, COL 1967
PRODUCER USN AGENCY NO. MN-10203
TITLE NO. 002546 SALE $81.75

SHOWS THE NEED, NATURE, AND MEANS OF GEODETIC SURVEYING AS IT EXISTS TODAY, WITH EMPHASIS ON THE CHALLENGE OF THE FUTURE.

CLEARED FOR TV.

MODERN MANUFACTURING - COMMAND PERFORMANCE
33 MIN, 16MM FILM, OPT. SD, COL 1963
PRODUCER USAF AGENCY NO. SFP-1153
TITLE NO. 528125 SALE $149.75

ILLUSTRATES THE NEED FOR USING MODERN METHODS IN THE PRODUCTION OF AEROSPACE VEHICLES. EXPLAINS THAT THE USE OF AUTOMATION FROM PROGRAMMING TO FINISHED PRODUCT CAN SUPERSEDE CONVENTIONAL METHODS IN SPEED, RELIABILITY, AND ECONOMY. SHOWS ELECTRONICALLY CONTROLLED MACHINERY WHICH OPERATES SOLELY ON COMMANDS FROM NUMERICAL COMPUTER TAPES AND PERFORMS TASKS WITH PRECISION AND ACCURACY.

CLEARED FOR TV. THIS IS CONSIDERED OF HISTORICAL VALUE AND DOES NOT NECESSARILY REFLECT CURRENT POLICY OR PLANS OF THE SPONSORING AGENCY.

NOT SINCE THE PYRAMIDS
29 MIN, 16MM FILM, OPT. SD, COL 1969
PRODUCER USN AGENCY NO. MN-10753
TITLE NO. 005612 SALE $131.75

SHOWS THE CHARACTERISTICS OF THE CONSTRUCTION PROJECTS MANAGED BY THE NAVAL FACILITIES ENGINEERING COMMAND IN

VIETNAM.

OCEAN INSTRUMENTS FOR DEEP SUBMERGENCE VEHICLES
29 MIN, 16MM FILM, OPT. SD, COL 1969
PRODUCER USN AGENCY NO. MN-10525
TITLE NO. 005217 SALE $131.75

SHOWS THE SPECIAL INSTRUMENTATION REQUIREMENTS FOR DEEP SUBMERGENCE VEHICLES. DESCRIBES DEVELOPMENTS IN THIS FIELD.

OCEANOGRAPHIC PREDICTION SYSTEM
20 MIN, 16MM FILM, OPT. SD, COL 1966
PRODUCER USN AGENCY NO. MN-10167
TITLE NO. 561855 SALE $136.25

SHOWS OCEANOGRAPHIC PREDICTION SYSTEMS AND PROGRAMS, AND THEIR RELATIONSHIP TO DEFENSE AND ECONOMIC NEEDS. DISCUSSES HOW PREDICTIONS INCREASE THE USE OF OCEANOGRAPHIC DATA FOR A FULLER UNDERSTANDING AND EXPLOITATION OF THE SEAS.

PARTNERS IN SAFETY
13 MIN, 16MM FILM, OPT. SD, COL 1975
PRODUCER USFHWA
TITLE NO. 009710 SALE $59.00

CONCERNS DRIVING A VEHICLE IN AND AROUND HIGHWAY CONSTRUCTION PROJECTS AND ROUTINE MAINTENANCE OPERATIONS. ENCOURAGES COOPERATION BETWEEN THE DRIVING PUBLIC AND THE HIGHWAY WORK FORCE.

PARTNERS WITH INDUSTRY
13 MIN, 16MM FILM, OPT. SD, COL 1975
PRODUCER USNASA AGENCY NO. HQ-252
TITLE NO. 009841 SALE $59.00

TELLS HOW AMERICA'S INDUSTRY CAN BENEFIT FROM NASA TECHNOLOGY NOW AND IN THE FUTURE. LOOKING TO THE FUTURE, AS NASA CONTINUES TO EXPLORE THE FRONTIER OF SPACE, AMERICA'S INDUSTRIAL COMMUNITY WILL RELY HEAVILY UPON THIS DEVELOPING RESOURCE. TOUCHES ALMOST

EVERY BRANCH OF SCIENCE IN ALMOST EVERY DISCIPLINE OF TECHNOLOGY.

CLEARED FOR NON-SPONSORED TV.

PEOPLE MAKE IT HAPPEN
23 MIN. 16MM FILM. OPT. SD. COL 1976
PRODUCER USBIE
TITLE NO. 007898 SALE $104.50

EMPHASIZES THE IMPORTANCE OF CONSUMER BEHAVIOR IN PRODUCT SAFETY. USES ANIMATION, SONGS, AND HUMOROUS SKITS TO SHOW HOW SELECTION, USE, MAINTENANCE, STORAGE, AND DISPOSAL OF CONSUMER PRODUCTS AFFECTS SAFETY.

PERT MILESTONE SYSTEM - INTRODUCTION
27 MIN. 16MM FILM. OPT. SD. COL 1962
PRODUCER USN AGENCY NO. MN-09704A
TITLE NO. 002806 SALE $122.50

SHOWS HOW MANAGEMENT AND OPERATING LEVELS ARE BROUGHT TOGETHER FOR THE PLANNING AND EXECUTION OF COMPLEX RESEARCH AND DEVELOPMENT PROJECTS.

POLLUTION BELOW
14 MIN. 16MM FILM. OPT. SD. COL 1975
PRODUCER USNASA AGENCY NO. HQ-247
TITLE NO. 009583 SALE $63.50

PRESENTS THE STORIES OF THREE PEOPLE FAR APART, CAUGHT UP IN DANGEROUS SITUATIONS CAUSED BY UNEXPECTED POLLUTION.

FROM THE REDISCOVERY SERIES.

POWER SHOVEL PRODUCTIVITY
30 MIN. 16MM FILM. OPT. SD. COL 1969
PRODUCER USFHWA
TITLE NO. 003069 SALE $136.25

HIGHLIGHTS THE JOB CONDITIONS THAT DETERMINE THE YARDAGE OUTPUT OF POWER SHOVELS ON HIGHWAY GRADING WORK. DEMONSTRATES HOW PRODUCTION IS AFFECTED BY THE SPEED OF THE DIPPER CYCLE, SIZE OF DIPPER LOAD, AND FREQUENCY AND DURATION OF MINOR DELAYS.

PREFERENTIAL TREATMENT FOR HIGH OCCUPANCY VEHICLE
21 MIN. 16MM FILM. OPT. SD. COL 1973
PRODUCER USFHWA
TITLE NO. 004666 SALE $95.25

SHOWS SYSTEMATIC WAYS TO MAKE MORE EFFICIENT USE OF URBAN HIGHWAYS, INCLUDING SPECIAL LANES FOR BUSES AND CARPOOLS, CURB LANES ON ARTERIAL STREETS, AND PARKING FACILITIES OUTSIDE CONGESTED AREAS FOR COMMUTERS. ILLUSTRATES A DESIGN OF INTERCHANGES AND APPROACHES WHICH ALLOWS LIMITED ACCESS TO REVERSIBLE LANES.

PRESTRESSED CONCRETE PAVEMENT CONSTRUCTION
25 MIN. 16MM FILM. OPT. SD. COL 1973
PRODUCER USFHWA
TITLE NO. 000897 SALE $113.50

SHOWS A PICTORIAL RECORD OF THE FIRST SUBSTANTIAL SECTION OF PRESTRESSED CONCRETE HIGHWAY PAVEMENT BUILT IN THE U S.

PREVENTING COAL PNEUMOCONIOSIS THROUGH ENGINEERING CONTROLS
21 MIN. 16MM FILM. OPT. SD. COL 1971
PRODUCER USBM SPONSOR USMESA
TITLE NO. 003546 SALE $95.25

DESCRIBES CAUSES, EFFECTS, AND PREVENTION OF ONE OF COAL MINING'S MOST HAZARDOUS HEALTH PROBLEMS--PNEUMOCONIOSIS OR BLACK LUNG. SUGGESTS METHODS OF DETECTION, CONTROL, AND SUPPRESSION OF RESPIRABLE COAL DUST, ALONG WITH THE LATEST DEVELOPMENTS IN ENVIRONMENTAL RESEARCH AND CONTROL.

PURCHASERS MUST FIRST REQUEST WRITTEN PERMISSION FROM CHIEF, OFFICE OF AUDIOVISUALS, UNITED STATES DEPARTMENT OF INTERIOR, MINING ENFORCEMENT AND SAFETY ADMINISTRATION, 4800 FORBES AVENUE, PITTSBURGH, PENNSYLVANIA 15313. AFTER PERMISSION HAS BEEN OBTAINED, THE

PURCHASER SHOULD SEND HIS ORDER TO THE NATIONAL AUDIO-VISUAL CENTER WITH THE STATEMENT OF APPROVAL ATTACHED.

PROJECT GASBUGGY - THE RESOURCEFUL ATOM
15 MIN, 16MM FILM, OPT, SD, COL 1968
PRODUCER USAEC SPONSOR USERDA
TITLE NO. 001362 SALE $78.25

DESCRIBES A PROJECT, INVOLVING GOVERNMENT AND INDUSTRY, TO STUDY WHETHER NUCLEAR EXPLOSIONS CAN BE SAFELY USED TO PERFORM MASSIVE UNDERGROUND ENGINEERING TASKS FOR MORE EFFICIENT RECOVERY OF NATURAL RESOURCES.

PUBLIC WORKS AND PUBLIC UTILITIES - CONTROL OF CORROSION BY CATHODE PROTECTION - BURIED...
19 MIN, 16MM FILM, OPT, SD, COL 1960
PRODUCER USN AGENCY NO. MN-08131E
TITLE NO. 003180 SALE $86.25

FULL TITLE--PUBLIC WORKS AND PUBLIC UTILITIES - CONTROL OF CORROSION BY CATHODE PROTECTION - BURIED METAL STRUCTURES. SHOWS METHODS OF DETERMINING THE NEED FOR INSTALLING CATHODIC PROTECTIVE SYSTEMS. DEMONSTRATES INSTALLATION, ADJUSTMENTS, AND OPERATIONAL INSPECTIONS REQUIRED FOR THE GALVANIC ANODE SYSTEM AND THE IMPRESSED CURRENT SYSTEM.

RACE FOR CLEAN AIR, THE
27 MIN, 16MM FILM, OPT, SD, COL 1972
PRODUCER USEPA
TITLE NO. 000120 RENTAL $12.50 SALE $122.50

SHOWS THE 1970 CLEAN AIR CAR RACE. DISCUSSES THE DIFFERENT CONTROL SYSTEMS, DIFFERENT FUELS, AND DIFFERENT PROPULSION SYSTEMS THAT WERE ENTERED IN THE CROSS-COUNTRY EVENT.

REALITIES OF RECYCLING, THE
39 MIN, 16MM FILM, OPT, SD, COL 1971
PRODUCER USOSWM SPONSOR USEPAP
TITLE NO. 002177 RENTAL $15.00 SALE $177.00

SHOWS A VARIETY OF EQUIPMENT BEING USED TO RECOVER AND REUSE MATERIALS FROM SOLID WASTES. EXISTING MARKETS FOR GLASS, ALUMINUM, AND STEEL CONTAINERS, PAPER AND OLD CAR HULKS ARE DESCRIBED, ALONG WITH NEW TECHNOLOGY BEING INVESTIGATED AND DEMONSTRATED UNDER PROVISIONS OF THE SOLID WASTE DISPOSAL ACT.

RECYCLED ASPHALT CONCRETE - BY RMI SYSTEMS
17 MIN, 16MM FILM, OPT, SD, COL 1975
PRODUCER USFHWA
TITLE NO. 009708 SALE $77.25

DOCUMENTS THE EXPERIMENTAL RECONSTRUCTION OF A 1-MILE SECTION OF INTERSTATE HIGHWAY IN NEVADA WHERE THE 4-INCH DETERIORATED ASPHALT PAVEMENT WAS RECYCLED. SHOWS HOW TO BREAK UP OLD PAVEMENT, HAUL TO CRUSHER, CRUSH, HEAT, AND MIX IN FLUE FILLED ROTATING DRYER, ADD ADDITIONAL ASPHALT AND SOFTENING AGENT, HAUL BACK TO ORIGINAL SITE, AND PLACE WITH CONVENTIONAL EQUIPMENT. DISCUSSES THE BENEFITS OF ENERGY CONSERVATION.

RECYCLING
22 MIN, 16MM FILM, OPT, SD, COL 1971
PRODUCER USOSWM SPONSOR USEPAP
TITLE NO. 002180 RENTAL $10.00 SALE $100.00

SHOWS A VARIETY OF EFFORTS TO RECOVER AND REUSE MORE OF OUR DISCARDS. EXPLAINS HOW THIS APPROACH HAS THE DUAL BENEFIT OF CONSERVING OUR RESOURCES WHILE MINIMIZING THE EXPENSE AND DIFFICULTY OF SOLID WASTE DISPOSAL. ILLUSTRATES NEW TECHNIQUES THAT ARE BEING INVESTIGATED AND DEMONSTRATED UNDER PROVISIONS OF THE SOLID WASTE DISPOSAL ACT.

RESEARCH AND DEVELOPMENT PROGRESS REPORT NO. 9 - DELONG PIERS
12 MIN, 16MM FILM, OPT, SD, COL 1967
PRODUCER USA AGENCY NO. RDPR-009
TITLE NO. 009973 SALE $54.50

DISCUSSES THE CONSTRUCTION AND INSTALLATION OF DELONG PIERS TO RELIEVE THE LOGISTICAL PROBLEM IN VIETNAM.

THIS IS CONSIDERED OF HISTORICAL VALUE AND DOES NOT NECESSARILY REFLECT CURRENT POLICY OR PLANS OF THE SPONSORING AGENCY.

RIGHT-OF-WAY FOR HIGHWAYS
26 MIN. 16MM FILM. OPT. SD. COL 1961
PRODUCER USFHWA
TITLE NO. 649500 SALE $118.00

SHOWS HOW A STATE HIGHWAY DEPARTMENT STUDIES, EVALUATES, AND SELECTS THE ROUTE FOR A NEW HIGHWAY. DESCRIBES THE VARIOUS STEPS IN THE APPRAISAL OF A PROPERTY NEEDED FOR RIGHT-OF-WAY AND THE NEGOTIATION FOR PURCHASE OF THE PROPERTY.

PRODUCED IN COOPERATION WITH THE STATES OF IOWA, MINNESOTA, MISSOURI, AND NEBRASKA.

ROAD IN THE FOREST, A
14 MIN. 16MM FILM. OPT. SD. COL 1974
PRODUCER USDA
TITLE NO. 009323 SALE $99.50

DEALS WITH THE CHALLENGE OF BUILDING NEW ROADS THAT WILL HAVE THE LEAST ADVERSE IMPACT ON OUR ENVIRONMENT. STRESSES DESIGN CRITERIA WHICH WILL PROVIDE SERVICE, SAFETY, BEAUTY, ECONOMY, AND HARMONY WITH THE LANDSCAPE.

SAFETY IN HIGHWAY SURVEYING
25 MIN. 16MM FILM. OPT. SD. COL 1960
PRODUCER USFHWA
TITLE NO. 660810 SALE $113.50

SHOWS THE HAZARDS AND APPROPRIATE PRECAUTIONS FOR A HIGHWAY SURVEY PARTY WORKING IN ROUGH COUNTRY, DENSE VEGETATION, TIMBERLAND, MOUNTAINOUS COUNTRY, AND ALONG THE HIGHWAY. EXPLAINS SAFE WORKING PRACTICES FOR VARIOUS HAND TOOLS AND EQUIPMENT.

SAND DRAINS
24 MIN. 16MM FILM. OPT. SD. COL 1965
PRODUCER USFHWA
TITLE NO. 663648 RENTAL $12.50 SALE $109.00

EXPLAINS THE SAND DRAIN METHOD OF CONSOLIDATING SWAMPY AREAS FOR THE CONSTRUCTION OF HIGHWAYS. USES ANIMATION AND SCENES OF AN ACTUAL PROJECT TO SHOW PREPARATION OF THE SITE, DRIVING THE SAND DRAINS, PLACING THE CONTROL DEVICES AND OVERLOAD, FINAL PREPARATION OF THE ROADWAY, AND PAVING.

SANITARY LANDFILL - ONE PART EARTH TO FOUR PARTS REFUSE
24 MIN. 16MM FILM. OPT. SD. COL 1969
PRODUCER USEPA AGENCY NO. M-1740-X
TITLE NO. 002188 SALE $109.00

PRESENTS SPECIFIC DETAILS FOR THE DESIGN AND OPERATION OF SANITARY LANDFILLS. CONCERNS LANDFILLS WITH A CAPACITY OF AT LEAST 200 TONS PER DAY, BUT ALLOWS FOR APPLICATION OF INFORMATION TO SMALLER FACILITIES.

SANITARY LANDFILL - YOU'RE THE OPERATOR
22 MIN. 16MM FILM. OPT. SD. COL 1973
PRODUCER USEPA
TITLE NO. 000859 RENTAL $10.00 SALE $100.00

ILLUSTRATES THE CAREFUL PLANNING AND PRECISE TECHNIQUES NEEDED TO ACHIEVE MAXIMUM STANDARDS AND DEMONSTRATES THAT A SANITARY LANDFILL CAN BE A GOOD NEIGHBOR AND A COMMUNITY ASSET.

SANITARY LANDFILL - YOU'RE THE OPERATOR (INSTRUCTOR'S PACKAGE)
206 2 X 2 SLIDES, SILENT, COL 1973
PRODUCER USEPA
TITLE NO. 007501 SALE $20.00

SHOWS PROFESSIONAL OPERATING TECHNIQUES AND PRACTICES, SUCH AS WORKSHOPS, CASE STUDIES, SESSIONS ON LOCAL REGULATIONS AND CONDITIONS, AND DISCUSSION PERIODS.

AN INSTRUCTOR'S PACKAGE WHICH INCLUDES THE SLIDES PLUS A COORDINATED SCRIPT AND A 203-PAGE MANUAL ENTITLED 'TRAINING SANITARY LANDFILL EMPLOYEES - INSTRUCTOR'S

MANUAL.' PREVIOUSLY THIS WAS LISTED AS 'TRAINING SANITARY LANDFILL EMPLOYEES (INSTRUCTOR'S KIT).'

SANITARY LANDFILL - YOU'RE THE OPERATOR (TRAINEE'S PACKAGE)
10 2 X 2 SLIDES, SILENT, COL 1973
PRODUCER USEPA
TITLE NO. 007500 SALE $10.00

DISCUSSES SAFETY, LETTER CONTROL, PUBLIC RELATIONS, EQUIPMENT CARE AND MAINTENANCE, SPOTTING VEHICLES, RECORD KEEPING, CELL CONSTRUCTION, COVER SOIL, AND HARD-TO-HANDLE AND HAZARDOUS WASTES.

A TRAINEE'S PACKAGE WHICH INCLUDES THE SLIDES PLUS A 233-PAGE MANUAL ENTITLED 'TRAINING SANITARY LANDFILL EMPLOYEES - TRAINEE'S MANUAL.' PURCHASERS ARE AUTHORIZED TO DUPLICATE TRAINEE'S MANUAL AS NEEDED.

SATTAHIP - TOMORROW'S THAILAND
25 MIN, 16MM FILM, OPT. SD, COL 1970
PRODUCER USN AGENCY NO. MN-10875
TITLE NO. 005238 SALE $113.50

SHOWS CONSTRUCTION EFFORTS OF U S NAVY CIVIL ENGINEERS AND CONSTRUCTION CONTRACTORS IN BUILDING THE NEW SEAPORT OF SATTAHIP. SHOWS THE U-TAPAS OPERATIONAL AIRBASE ON THE SOUTHERN COAST OF THAILAND.

SERRATED SLOPES FOR EROSION CONTROL
14 MIN, 16MM FILM, OPT. SD, COL 1970
PRODUCER USFHWA
TITLE NO. 678090 SALE $63.50

DISCUSSES SLOPES THAT CAN BE PREPARED DURING HIGHWAY CONSTRUCTION TO REDUCE EROSION AND PROMOTE THE GROWTH OF PLANT LIFE.

SHIP DESIGN FOR TOMORROW
25 MIN, 16MM FILM, OPT. SD, COL 1959
PRODUCER USN AGENCY NO. MN08610
TITLE NO. 004916 SALE $113.50

EXPLAINS THE PROFESSIONAL OPPORTUNITIES, CAREER ADVANTAGES, AND WORKING ENVIRONMENT IN THE U S NAVY'S BUREAU OF SHIPS.

SHIPBOARD VIBRATIONS, PT 1, FUNDAMENTAL PRINCIPLES OF VIBRATING SYSTEMS
22 MIN, 16MM FILM, OPT. SD, B&W 1953
PRODUCER USN AGENCY NO. MN9180-A
TITLE NO. 004912 SALE $57.75

EXPLAINS BASIC CONCEPTS AND PRINCIPLES INCLUDING LONGITUDINAL AND TORSIONAL VIBRATIONS, FREE AND FORCED VIBRATIONS, THE TIME RELATIONSHIP BETWEEN THE FORCE CYCLE AND THE AMPLITUDE CYCLE, AND THE PHASE ANGLE DIAGRAM.

SHIPBOARD VIBRATIONS, PT 2, MULTI-MASS SYSTEMS
23 MIN, 16MM FILM, OPT. SD, B&W 195?
PRODUCER USN AGENCY NO. MN-09180B
TITLE NO. 004913 SALE $60.50

EXPLAINS BASIC CONCEPTS, INCLUDING THOSE OF A UNIFORM SYSTEM, A LUMPED SYSTEM, MODES OF VIBRATION, RELATIVE AMPLITUDES, HARMONIC ANALYSIS, ORDERS OF VIBRATION, AND CRITICAL SPEEDS.

SHIPBOARD VIBRATIONS, PT 3, VIBRATION, EXCITATION, AND RESPONSE
15 MIN, 16MM FILM, OPT. SD, B&W 1953
PRODUCER USN AGENCY NO. MN09180C
TITLE NO. 003463 SALE $39.50

SHOWS THROUGH MODELS, VIBRATION EXCITATION IN THE PROPULSION MACHINERY DUE TO IMBALANCE AND TO PROPELLER THRUST VARIATION, AND THE RESPONSE OF THE SHIP'S STRUCTURE TO THIS EXCITATION.

SHIPBOARD VIBRATIONS, PT 4, SERVICE PROBLEMS AND FIELD INVESTIGATION
13 MIN, 16MM FILM, OPT. SD, B&W 1953
PRODUCER USN AGENCY NO. MN09180D

TITLE NO. 004914 SALE $34.25

EXPLAINS HOW TO REPORT SHIPBOARD VIBRATION PROBLEMS, HOW THEY ARE DIAGNOSED AND REMEDIED BY VIBRATION ENGINEERS, AND HOW VIBRATION STUDY AS PREVENTIVE ENGINEERING CONTRIBUTES TO OVERALL SHIP DESIGN AND PERFORMANCE.

SKID CORRELATION STUDY
14 MIN, 16MM FILM, OPT, SD, COL 1963
PRODUCER USFHWA
TITLE NO. 689500 SALE $63.50

COMPARES VARIOUS TECHNIQUES USED IN TESTING THE COEFFICIENTS OF FRICTION ON FIVE SPECIALLY CONSTRUCTED PAVEMENTS AT TAPPAHANNOCK, VA.

SLANTING
9 MIN, 16MM FILM, OPT, SD, COL 1967
PRODUCER USOCD SPONSOR USCDPA AGENCY NO. DDCP05-0259
TITLE NO. 003485 SALE $40.75

ILLUSTRATES THE 'SLANTING' TECHNIQUES BEING USED BY MANY ARCHITECTS TO INCORPORATE FALLOUT SHIELDING IN NEW BUILDINGS. ANIMATED.

CLEARED FOR TV.

OTHER FORMAT(S) OR VERSION(S)
*9 MIN, S8MM FILM, REEL, MAG, SD, COL 1967
PRODUCER USOCD SPONSOR USCDPA AGENCY NO. DDCP05-0259
TITLE NO. 005701 SALE $20.00

SLOPING, SHORING, AND SHIELDING PRACTICES
28 MIN, 2 X 2 SLIDES, AUDIOCASSETTE, COL 1976
PRODUCER USOSHA AGENCY NO. OSHA-2228
TITLE NO. 009863 SALE $22.00

PRESENTS A 1-DAY, INSTRUCTIONAL PROGRAM CONSISTING OF A CLASSROOM SESSION AND A PRACTICAL 'HANDS-ON' WORKSHOP IN THE PROCEDURES AND TECHNIQUES OF CONSTRUCTION SHORING.

60 SLIDES. 1 AUDIOCASSETTE, 2-TRACK, MONO, WITH AUDIBLE AND INAUDIBLE ADVANCE SIGNALS. MANUAL INCLUDED.

CLEARED FOR NON-SPONSORED TV.

SPEAKING OF MODELS
28 MIN, 16MM FILM, OPT, SD, COL 1965
PRODUCER USAE
TITLE NO. 003502 SALE $127.00

SHOWS HOW HYDRAULIC MODEL STUDIES MADE BY THE U S ARMY ENGINEER CORPS AT THE WATERWAYS EXPERIMENT STATION, VICKSBURG, MS, AID IN PLANNING AND DESIGNING OF PROJECTS FOR FLOOD CONTROL, NAVIGATION, AND HYDROELECTRIC POWER.

SPILL RECOVERY - NAVY TECHNIQUES FOR OIL SPILL CONTAINMENT AND REMOVAL IN HARBORS
25 MIN, 16MM FILM, OPT, SD, COL 1975
PRODUCER USN AGENCY NO. MN-11317B
TITLE NO. 008568 SALE $113.50

DESCRIBES IN-PORT OIL SPILLS CONTROL, REPORTING PROCEDURES, AND CLEANUP OPERATIONS.

SPUR DIKES
14 MIN, 16MM FILM, OPT, SD, COL 1965
PRODUCER USFHWA
TITLE NO. 708910 SALE $63.50

DEALS WITH THE THEORY, LABORATORY RESEARCH, AND PRACTICAL APPLICATION OF SPUR DIKES TO CONTROL SCOUR AT BRIDGE ABUTMENTS IN FLOOD CONDITIONS.

ST MARY'S BRIDGE TEST
9 MIN, 16MM FILM, OPT, SD, COL 1970
PRODUCER USFHWA
TITLE NO. 002202 SALE $40.75

DESCRIBES THE VIBRATION FREQUENCY AND LIVE LOAD TESTS CONDUCTED ON THE ST. MARY'S BRIDGE, ST. MARY'S, WV, WHICH IS A SISTER BRIDGE TO THE POINT

PLEASANT BRIDGE WHICH COLLAPSED IN DECEMBER 1967.

TECHNOLOGY FOR SPACECRAFT DESIGN, A
12 MIN, 16MM FILM, OPT, SD, COL 1966
PRODUCER USNASA AGENCY NO. HQ-131C
TITLE NO. 002307 SALE $54.50

SHOWS THE FEATURES THAT MUST BE INCORPORATED INTO A SPACECRAFT INTENDED FOR LONG DURATION MANNED SPACE FLIGHT AND THE TECHNOLOGY THAT IS BEING DEVELOPED TO SOLVE THE NUMEROUS PROBLEMS.

PREVIOUSLY THIS HAS BEEN LISTED AS 'LIVING IN SPACE, PT 3, A TECHNOLOGY FOR SPACECRAFT DESIGN.'

FROM THE LIVING IN SPACE SERIES.

TECHNOLOGY UTILIZATION
30 MIN, 16MM FILM, OPT, SD, COL 1970
PRODUCER USTID SPONSOR USNASA AGENCY NO. HQ-202
TITLE NO. 736640 SALE $136.25

DESCRIBES HOW PRIVATE FIRMS HAVE MADE PRACTICAL USE OF NASA DEVELOPED TECHNOLOGY, INCLUDING THE TECHNICAL INFORMATION RETRIEVAL SERVICES MADE AVAILABLE THRU NASA'S TECHNOLOGY UTILIZATION PROGRAM.

THIS HAS BEEN DECLARED OBSOLETE FOR USE WITHIN THE SPONSORING AGENCY.

TERRADYNAMICS
21 MIN, 16MM FILM, OPT, SD, COL 1968
PRODUCER USAEC
TITLE NO. 003649 SALE $95.25

DISCUSSES THE EARTH PENETRATION PROGRAM AT SANDIA LABORATORIES, WHICH IS CONCERNED WITH DETERMINING THE NATURE AND COMPOSITION OF SUB-SURFACE SOIL USING EARTH-PENETRATING, BALLISTIC VEHICLES. SHOWS EARLY EXPERIMENTATION, THE EVOLUTION OF THE PROGRAM, THE DELIVERY TECHNIQUES AND DESIGN OF SEVERAL PENETRATION VEHICLES, PLUS A TYPICAL RECOVERY OPERATION AND POST -RECOVERY ANALYSIS.

THEY CLEAR THE WAY
29 MIN, 16MM FILM, OPT, SD, COL 1967
PRODUCER USA AGENCY NO. TV-0732
TITLE NO. 004955 SALE $131.75

DESCRIBES THE U S ARMY ENGINEERS, WHOSE JOB IT IS TO BUILD BRIDGES, AIRFIELDS, AND ROADS IN VIETNAM IN ORDER TO BRING MOBILITY TO COMBAT FORCES.

CLEARED FOR TV.

FROM THE BIG PICTURE SERIES.

TO STEM THE BLACK TIDE
14 MIN, 16MM FILM, OPT, SD, COL 1976
PRODUCER USCG
TITLE NO. 007914 SALE $63.50

SHOWS THE COAST GUARD'S ROLE IN THE DETECTION, LOCATION, AND PREVENTION OF OIL SPILLS AND POLLUTION. COAST GUARD MARINE SAFETY AND PORT SAFETY PERSONNEL MAKE PERIODIC INSPECTIONS OF NATIONAL AND INTERNATIONAL VESSELS. FEATURES THE NEW TECHNOLOGY AND MANPOWER EMPLOYED IN CONTAINING OIL SPILLS OR MINIMIZING CONTAMINATION. ALSO DEPICTS THE NEWLY TRAINED AND AND EQUIPPED OIL POLLUTION RESPONSE TEAMS.

TOWER TO THE SKY
28 MIN, 16MM FILM, OPT, SD, COL 1966
PRODUCER USCG
TITLE NO. 754790 SALE $127.00

TELLS THE STORY OF THE CONSTRUCTION OF A COAST GUARD LORAN STATION ON THE PRIMITIVE WESTERN PACIFIC ISLAND OF YAP AS TOLD BY AN ELDER OF THE ISLAND COMMUNITY. PORTRAYS THE INITIAL ANTAGONISM OF THE COMMUNITY REGARDING THE CONSTRUCTION OF THE STATION AND ITS CHANGE OF ATTITUDE BY THE TIME THE STATION WAS COMPLETED.

CLEARED FOR TV.

U S NAVAL CIVIL ENGINEERING LABORATORY
17 MIN, 16MM FILM, OPT. SD, COL 1959
PRODUCER USN AGENCY NO. MN-08800
TITLE NO. 004985 SALE $77.25

DISCUSSES THE OPERATION AND FUNCTIONS OF THE U S NAVAL CIVIL ENGINEERING LABORATORY AT PORT HUENEME, CA.

UNDER WAY
20 MIN, 16MM FILM, OPT. SD, COL 1960
PRODUCER USAEC SPONSOR USERDA
TITLE NO. 003816 RENTAL $10.00 SALE $90.75

TRACES THE DESIGN AND CONSTRUCTION OF THE FIRST U S NUCLEAR-POWERED MERCHANT SHIP, THE NS SAVANNAH. DESCRIBES THE SAFETY FEATURES OF THE SHIP AND THE CHRISTENING AND LAUNCHING.

THIS IS CONSIDERED OF HISTORICAL VALUE AND DOES NOT NECESSARILY REFLECT CURRENT POLICY OR PLANS OF THE SPONSORING AGENCY.

VALUE ENGINEERING - MORE SHIPS FOR LESS MONEY
13 MIN, 16MM FILM, OPT. SD, COL 1957
PRODUCER USN AGENCY NO. MN8488
TITLE NO. 779340 SALE $59.00

SHOWS HOW THE U S NAVY VALUE ENGINEERING PROGRAM WORKS AND EXPLAINS ITS KEY TECHNIQUES. GET THE FACTS, KNOW THE COSTS, DETERMINE THE FUNCTION, DO CREATIVE THINKING, AND EVALUATE BY COMPARISON. EXAMPLES ARE GIVEN OF RESULTS OF VALUE ENGINEERING.

WES STORY, THE
14 MIN, 16MM FILM, OPT. SD, COL 1969
PRODUCER USAE
TITLE NO. 006622 SALE $103.75

SHOWS HOW THE WATERWAYS EXPERIMENT STATION IN MISSISSIPPI GREW FROM A SMALL HYDRAULIC LABORATORY TO BECOME THE PRINCIPAL AND MOST DIVERSE RESEARCH, TESTING, AND DEVELOPMENT CENTER FOR THE CORPS OF ENGINEERS IN THE FIELDS OF CIVIL ENGINEERING.

WHAT'S NEW AT WES
16 MIN, 16MM FILM, OPT. SD, COL 1971
PRODUCER USAE
TITLE NO. 005039 SALE INQUIRE

SHOWS HOW NEW TOOLS, TECHNIQUES, AND AUTOMATIC DATA PROCESSING HELP TO OVERCOME SOME OF THE ENGINEERING PROBLEMS ENCOUNTERED AT THE WATERWAYS EXPERIMENT STATION.

WHAT'S NEW IN SOLID WASTE MANAGEMENT?
36 MIN, 16MM FILM, OPT. SD, COL 1970
PRODUCER USOSWM SPONSOR USEPA
TITLE NO. 002226 RENTAL $15.00 SALE $163.50

SHOWS A VARIETY OF NEW AND IMPROVED SOLID WASTE MANAGEMENT TECHNIQUES. FEATURES SPECIALLY DEVELOPED EQUIPMENT IN ACTUAL OPERATION. THE PROJECTS ARE PART OF THE DEMONSTRATIONS AND INVESTIGATIONS CONDUCTED UNDER PROVISIONS FOR THE SOLID WASTE DISPOSAL ACT. PROVIDES COSTS, CAPACITIES, AND OTHER DATA TO ASSIST PUBLIC WORKS DIRECTORS AND OTHER OFFICIALS WHO MUST EVALUATE ALTERNATIVE SYSTEMS AND EQUIPMENT.

WHEN THE CIRCUIT BREAKS - AMERICA'S ENERGY CRISIS
28 MIN, 16MM FILM, OPT. SD, COL 1975
PRODUCER USFEA
TITLE NO. 009469 SALE $125.00

SHOWS HOW AMERICA'S ENERGY CRISIS HAPPENED AND WHAT POSSIBILITIES THE FUTURE HOLDS. EXAMINES SOME SOLUTIONS AVAILABLE THROUGH THE DEVELOPMENT OF COAL, OIL, AND NATURAL GAS RESOURCES. LOOKS AT NUCLEAR, GEOTHERMAL, AND SOLAR ENERGY SOURCES WHICH COULD BE DEVELOPED. STRESSES THE IMPORTANCE OF CONSERVING ENERGY AT HOME, IN TRANSPORTATION, IN BUSINESS, AND IN INDUSTRY.

CLEARED FOR TV.

WHEN THE CIRCUIT BREAKS - AMERICA'S ENERGY CRISIS (SPANISH)

28 MIN. 16MM FILM. OPT. SD. COL 1975
PRODUCER USFEA
TITLE NO. 007890 SALE $125.00

SHOWS HOW AMERICA'S ENERGY CRISIS HAPPENED AND WHAT POSSIBILITIES THE FUTURE HOLDS. EXAMINES SOME SOLUTIONS AVAILABLE THROUGH DEVELOPMENT OF COAL, OIL, AND NATURAL GAS RESOURCES. LOOKS AT NUCLEAR, GEOTHERMAL, AND SOLAR ENERGY SOURCES WHICH COULD BE DEVELOPED. STRESSES THE IMPORTANCE OF CONSERVING ENERGY AT HOME, IN TRANSPORTATION, AND IN BUSINESS AND INDUSTRY.

CLEARED FOR TV.

WITHIN OUR REACH
17 MIN. 16MM FILM. OPT. SD. COL 1976
PRODUCER USEPAP
TITLE NO. 007849 SALE $77.25

SHOWS WHAT STEPS ARE NECESSARY TO RECEIVE GRANT FUNDS AND DETAILS WHAT INDIVIDUALS CAN DO TO ENSURE CLEANER WATER. DOCUMENTS THE ACTIONS OF THE CITY OFFICIALS AND CITIZENS OF PARSIPPANY-TROY HILLS, NJ, TO CLEAN UP ITS WASTEWATER.

WOOD CHIP MULCH FOR EROSION CONTROL
13 MIN. 16MM FILM. OPT. SD. COL 1972
PRODUCER USFHWA
TITLE NO. 002233 SALE $59.00

DEMONSTRATES HOW WOOD CHIP MULCH USED ON PREPARED SLOPES PROVIDES A SOLUTION TO EROSION DURING AND AFTER HIGHWAY CONSTRUCTION. IN THIS WAY AIR AND WATER POLLUTION CAN BE CONTROLLED AND A NATURAL RESOURCE PUT TO USE INSTEAD OF BEING WASTED OR BURNED.

National AudioVisual Center

Order Form

Purchase

TITLE NO.	TITLE	QUANTITY	*UNIT PRICE	TOTAL PRICE

Total Order $

Rental /Preview

16mm motion pictures only

Preview not available for Rental.

Be fair, please don't ask for preview unless you are authorized to buy and have funds for purchase.

TITLE NO.	TITLE	RENTAL *3-DAY FEE	1st CHOICE DATE	2nd CHOICE DATE	1st AVAILABLE DATE	PREVIEW

Total Order $

* All prices subject to change without notice.

☐ Please indicate here if you wish to be notified of price changes before we ship.

The Center is self-supporting; if our costs go up, we raise prices only when necessary. Orders are shipped at prices prevailing at time of shipment.

We accept Master Charge and BankAmericard/VISA . . . Just fill in your number and card expiration date and sign below . . . We'll do the rest.

Account Number _____

Expiration date _____

Signature _____

Use This Handy Order Form!

Please tape here for mailing!

For your convenience this Order Form becomes a self-mailer. No postage needed. Just fold, tape, and mail.

Postages & Fees Paid
GSA 361

Official Business

National AudioVisual Center (NAC)
General Services Administration
Order Section DD
Washington DC 20409

Fold on this line first.

Please Send

information on other audiovisual programs produced by the United States Government.

- ☐ Medicine
- ☐ Allied Health
- ☐ Sciences
- ☐ Safety
- ☐ Social Sciences
- ☐ Education
- ☐ Industrial/Vocational
- ☐ Select List of all subjects distributed by the National AudioVisual Center (Monthly publication)

National AudioVisual Center

Date ☐ Purchase Order No._____

☐ Payment enclosed
Check or Money Order only. Payable to:
National Archives Trust Fund (NAC)

Bill to:

Name/Organization

Street Address

City, State, Zip

Telephone Title

Authorized Signature—please do NOT print

Ship to:

(If different than billing address)

Attention Of:

Street Address

City, State, Zip